



Region 7

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Fact Sheet

May 2011

Riverfront Superfund Site Consideration of Remedial Alternatives Operable Units 2 and 6, New Haven, Missouri

INTRODUCTION

In July 2010 U.S. Environmental Protection Agency (EPA) released a Proposed Plan identifying EPA's preferred alternative for addressing the contamination at the Riverfront Superfund Site (Site), Operable Units (OU) 2 and 6, and providing the rationale for this preference. A public comment period on the Proposed Plan was scheduled for August 4, 2010 through September 3, 2010. A request was received from a local resident for a thirty-day extension of the public comment period. As a result, EPA extended the public comment period for an additional thirty days, through October 4, 2010.

During the public meeting held in New Haven, Missouri on August 10, 2010, members of the public requested that EPA more thoroughly consider, and present its analysis of, remedial alternatives. These alternatives had been considered during the feasibility study conducted for OUs 2 and 6, but were screened out of the Proposed Plan due to their failure to achieve the required criteria for remedial actions. This fact sheet summarizes EPA's consideration of those alternatives.

SITE BACKGROUND

In 1986, the volatile organic compound (VOC), tetrachloroethene (PCE) was detected in two public-supply ground water wells owned by the city of New Haven. Following the discovery of the contamination, two new public-supply wells were installed in the southern part of the city and several investigations to determine the source of the contamination were conducted by the Missouri Department of Natural Resources and EPA. Based on information obtained through site investigations, EPA has divided the Site into six operable units. OU2 involves a contaminant source located adjacent to 202 Industrial Drive in New Haven, and OU6 involves groundwater contamination that emanates from that source area. EPA placed this Site on the National Priorities List in December 2000.

CONSIDERATION OF ADDITIONAL REMEDIAL ALTERNATIVES

In EPA's Proposed Plan for OU2 and OU6, EPA identified Alternative 2c as its Preferred Alternative for addressing contamination at OUs 2 and 6.

This remedy includes the recovery of dense nonaqueous phase liquids followed by *in situ* chemical oxidation treatment in the source area, whole-house water treatment units for affected groundwater users, institutional controls, *in situ* chemical oxidation treatment of contaminated groundwater, and groundwater monitoring.

During the public meeting and public comment period, EPA was asked why the following alternatives were not more thoroughly discussed in the feasibility study and Proposed Plan: (1) replacing existing impacted wells at four affected residences with new supply wells; (2) formation of a public water supply district for OU6 to produce and/or supply public water; and (3) extension of New Haven's municipal water service to affected residences in OU6. While all of these alternatives had been considered by EPA during the preparation of the Proposed Plan, these alternatives had been "screened out" of the analysis due to their failure to meet criteria required for all Superfund remedial actions. However, following the public comment period EPA requested that Kellwood Company, Inc., the party responsible for conducting the feasibility study (FS) for OUs 2 and 6, supplement the FS with the analysis of these alternatives. Kellwood did so in a report entitled "Supplemental Feasibility Study Report" (Supplemental FS) dated November 2010. A copy of the Supplemental FS accompanies this Fact Sheet and has been placed in the administrative record for the site, and repository identified below.

RESULTS OF ADDITIONAL ANALYSIS

For a remedy to be selected by EPA it must meet certain criteria set forth in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). Section 3 of the Supplemental FS describes the application of these criteria to the three alternatives set forth above. The Supplemental FS concludes, and EPA agrees, that none of the three alternatives are implementable at the Site. The basis for this determination is detailed in the Supplemental FS.

ADDITIONAL INFORMATION

The Proposed Plan, Supplemental FS and other site-related documents are part of the Administrative Record which is available during regular business hours at the following locations:

New Haven Regional Library
901 Maupin Avenue
New Haven, Mo.

EPA Region 7
901 North 5th Street
Kansas City, Kan.

If you have questions or need additional information, please contact:

Pamela Houston
Community Involvement Coordinator
EPA Region 7
901 North 5th Street
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913-551-7699, Toll-free 1-800-223-0425
E-mail: houston.pamela@epa.gov

Site documents, including the Proposed Plan and Supplemental FS are also available at the Riverfront Site website located at:

<http://mo.water.usgs.gov/epa/nh/index.htm>